

## ABSTRACT OF THE DISCLOSURE

A paper web (W) is dried in a forward dryer section (D) of a paper machine in downward open drying groups ( $G_1$ ...  $G_6$ ) that apply single-wire draw. Then, in a finishing section the web (W) is surface-sized in a surface-sizing unit (20) and dried  
5 mainly by contact-free drying: partly by airborne web-dryers (31, 32, 34, 36) or by impingement drying. The power of the airborne web-drying/impingement drying is regulated on both sides of the web (W) such that the tendency of curling created in the web (W) in the forward dryer section (D) can be controlled.